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HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

IDAHO NATIONAL ENGINEERING AND ENVIRONMENTAL HAER No. ID-33-C
LABORATORY, OLD WASTE CALCINING FACILITY
Scoville Vicinity
Butte County
Idaho

Photographs C-1 through C-14 are large-format black/white photographs. Michael Crane was the photographer for all but the last three. Photographs C-4 through C-7, C-10, and C-11 were taken March 5, 1996. Photographs C-1 through C-3, C-7, and C-8 were taken June 9, 1997. Photographs C-12 through C-14 were taken on November 2, 1995 by John Capek.

- ID-33-C-1 CONTEXTUAL VIEW OF WASTE CALCINING FACILITY. CAMERA FACING NORTHEAST. ON RIGHT OF VIEW IS PART OF EARTH/GRAVEL SHIELDING FOR BIN SET. AERIAL STRUCTURE MOUNTED ON POLES IS PNEUMATIC TRANSFER SYSTEM FOR DELIVERY OF SAMPLES BEING SENT FROM NEW WASTE CALCINING FACILITY TO THE CPP REMOTE ANALYTICAL LABORATORY. INEEL PROOF NUMBER HD-17-1.
- ID-33-C-2 CONTEXTUAL VIEW, WASTE CALCINING FACILITY. CAMERA FACES SOUTHWEST. INEEL PROOF NUMBER HD-17-1.
- ID-33-C-3 CONTEXTUAL VIEW OF WASTE CALCINING FACILITY, CAMERA FACING NORTHEAST. SHOWS RELATIONSHIP BETWEEN DECONTAMINATION ROOM, ADSORBER REMOVAL HATCHES (FLAT ON GRADE), AND BRIDGE CRANE. INEEL PROOF NUMBER HD-17-2.
- ID-33-C-4 WASTE CALCINING FACILITY, LOOKING AT WEST SIDE OF BUILDING. CAMERA FACING EAST. ROLL UP DOOR AND BRIDGE CRANE ARE IN CENTER OF VIEW. TANK NEAR WALL

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OF DECONTAMINATION ROOM FACILITATED FILLING OF THE
ADSORBER VESSELS WITH SILICA GEL. INEEL PROOF
SHEET NOT NUMBERED.

- ID-33-C-5 OBLIQUE VIEW WASTE CALCINING FACILITY, LOOKING AT
SOUTH END AND EAST SIDE OF BUILDING. CAMERA FACING
NORTHWEST. STACK IN UPPER LEFT OF VIEW IS NOT
ASSOCIATED WITH THE BUILDING. INEEL PROOF SHEET
NOT NUMBERED.
- ID-33-C-6 WASTE CALCINING FACILITY, LOOKING AT EAST SIDE OF
BUILDING. CAMERA FACING WEST. SECTION OF BUILDING
ON RIGHT IS NaK EQUIPMENT ROOM; ON LEFT,
DECONTAMINATION ROOM. INEEL PROOF SHEET NOT
NUMBERED.
- ID-33-C-7 WASTE CALCINING FACILITY, LOOKING AT NORTH END OF
BUILDING. CAMERA FACING SOUTH. TENT-ROOFED COVER
IN RIGHT OF VIEW IS A TEMPORARY WEATHER-PROOFING
SHELTER OVER THE BLOWER PIT IN CONNECTION WITH
DEMOLITION PROCEDURES. SMALL BUILDING CPP-667 IN
CENTER OF VIEW WAS USED FOR SUPPLEMENTARY OFFICE
SPACE BY HEALTH PHYSICISTS AND OTHERS. INEEL PROOF
SHEET NOT NUMBERED.
- ID-33-C-8 DETAIL VIEW OF WEST SIDE OF BUILDING,
DECONTAMINATION ROOM. BETWEEN DATE OF THIS VIEW
AND THAT OF ID-33-C-4, EXTERIOR TANK AND PIPING
HAS BEEN REMOVED. INEEL PROOF NUMBER HD-17-1.
- ID-33-C-9 DETAIL VIEW OF BRIDGE CRANE ON WEST SIDE OF
BUILDING. CAMERA FACING NORTHEAST. CONTAMINATED
AIR FILTERS LOADED IN TRANSPORT CASKS WERE
TRANSFERRED TO VEHICLES AND SENT TO RADIOACTIVE
WASTE MANAGEMENT COMPLEX FOR STORAGE. INEEL PROOF
NUMBER HD-17-1.
- ID-33-C-10 INTERIOR VIEW OF DECONTAMINATION ROOM ON MAIN
FLOOR. CAMERA FACING SOUTH. NOTE DRAIN PAN ON
FLOOR. THIS WAS THE ONLY PROCESS-RELATED ROOM
ACCESSIBLE TO PHOTOGRAPHER. INEEL PROOF SHEET NOT
NUMBERED.
- ID-33-C-11 INTERIOR VIEW OF BANK OF PIPES AND VALVES. DOOR TO
OFFICE AREA AT LEFT OF VIEW. CAMERA FACING NORTH.
INEEL PROOF SHEET NOT NUMBERED.
- ID-33-C-12 PHOTOGRAPH OF A PHOTOGRAPH OF A SCALE MODEL OF THE
WASTE CALCINER FACILITY, SHOWING WEST ELEVATION.

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(THE ORIGINAL MODEL HAS BEEN LOST.) INEEL PHOTO
NUMBER 95-903-1-3.

ID-33-C-13 PHOTOGRAPH OF A PHOTOGRAPH OF A SCALE MODEL OF THE
WASTE CALCINER FACILITY, SHOWING VIEW FACING THE
SOUTHEAST. INEEL PHOTO NUMBER 95-903-1-1.

ID-33-C-14 PHOTOGRAPH OF A PHOTOGRAPH OF A SCALE MODEL OF THE
WASTE CALCINER FACILITY, SHOWING EAST ELEVATION.
INEEL PHOTO NUMBER 95-903-1-2.

Photos C-15 through C-26 are photographic prints from the photo
archive at the Idaho National Engineering and Environmental
Laboratory. They are arranged in chronological order. INEEL
negative identification numbers are included in the description.

ID-33-C-15 CONSTRUCTION PROGRESS PHOTO SHOWING FORMS GOING UP
ON ACCESS CORRIDOR. INEEL PHOTO NUMBER NRTS-59-
336.

ID-33-C-16 CONSTRUCTION PROGRESS PHOTO SHOWING SURPLUS GUN
BARREL BEING LOWERED INTO PLACE FOR USE AS PIPE
TUNNEL. INEEL PHOTO NUMBER NRTS-59-709.

ID-33-C-17 CONSTRUCTION PROGRESS PHOTO OF REBAR PREPARED FOR
A POUR. INEEL PHOTO NUMBER NRTS-59-921.

ID-33-C-18 CONSTRUCTION PROGRESS PHOTO SHOWING SURPLUS GUN
BARRELS IN PLACE TO BE USED AS PIPE TUNNELS. INEEL
PHOTO NUMBER NRTS-59-925.

ID-33-C-19 CONSTRUCTION PROGRESS PHOTO SHOWING (TYPICALLY
COMPLEX) WASTE HOLDING CELL PIPING. INEEL PHOTO
NUMBER NRTS-59-3212.

ID-33-C-20 CONSTRUCTION PROGRESS PHOTO OF INSTRUMENT PANEL IN
PLACE IN OPERATING CORRIDOR. INEEL PHOTO NUMBER
NRTS-59-6091.

ID-33-C-21 CONSTRUCTION PROGRESS VIEW OF CALCINER VESSEL ON
LOW BOY EN ROUTE TO FACILITY. INEEL PHOTO NUMBER
NRTS-60-2487.

ID-33-C-22 CONSTRUCTION PROGRESS PHOTO SHOWING WORKERS
LOWERING CALCINER VESSEL INTO CELL THROUGH THE
HATCH. INEEL PHOTO NUMBER NRTS-60-2485.

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- ID-33-C-23 CONSTRUCTION PROGRESS VIEW LOOKING TOWARD EAST
SHOWING CONCRETE BLOCK CONSTRUCTION. INEEL PHOTO
NUMBER NRTS-59-4305.
- ID-33-C-24 CONSTRUCTION PROGRESS VIEW TO NORTHWEST, SHOWING
BLOWER BUILDING. INEEL PHOTO NUMBER NRTS-60-4407.
- ID-33-C-25 CONSTRUCTION PROGRESS AERIAL VIEW OF WASTE
CALCINING FACILITY TAKEN WHEN STRUCTURE WAS 99
PERCENT COMPLETE. INEEL PHOTO NUMBER NRTS-60-5409.
- ID-33-C-26 AERIAL VIEW OF WASTE CALCINING FACILITY WITH
SOLIDS STORAGE FACILITY BEHIND. CAMERA FACING
EAST. INEEL PHOTO NUMBER PHOTO 72-4571.

Photos ID-33-C-27 through ID-33-C-42 are photographs of
engineering and architectural drawings of the Waste Calcining
Facility. Originals are archived at the Idaho National
Engineering and Environmental Laboratory.

- ID-33-C-27 ELEVATIONS OF EAST AND WEST SIDES. INEEL DRAWING
NUMBER 200-0633-00-287-106355. FLUOR NUMBER 5775-
CPP-633-A-5.
- ID-33-C-28 NORTH AND SOUTH ELEVATIONS AND TWO SECTIONS. INEEL
DRAWING NUMBER 200-0633-00-287-106356. FLUOR
NUMBER 5775-CPP-633-A-6.
- ID-33-C-29 FLOOR PLAN OF WASTE CALCINATION FACILITY SHOWING
MAIN ABOVE-GRADE FLOOR LEVEL. INEEL DRAWING NUMBER
200-0633-00-287-106354. FLUOR NUMBER 5775-CPP-633-
A-4.
- ID-33-C-30 FLOOR PLANS OF WASTE CALCINATION FACILITY. SHOWS
LEVELS ABOVE GRADE AND AT LEVEL OF OPERATING
CORRIDOR. INEEL DRAWING NUMBER 200-0633-00-287-
106351. FLUOR NUMBER 5775-CPP-633-A-1.
- ID-33-C-31 FLOOR PLANS OF WASTE CALCINATION FACILITY. SHOWS
ACCESS CORRIDOR AT MEZZANINE AND LOWER LEVELS.
INEEL DRAWING NUMBER 200-0633-00-287-106352. FLUOR
NUMBER 5775-CPP-633-A-2.
- ID-33-C-32 SECTIONS A-A, B-B, C-C, D-D, AND E-E WASTE
CALCINATION FACILITY SHOWING RELATIONSHIPS OF
DIFFERENT FLOOR LEVELS TO ONE ANOTHER. INEEL
DRAWING NUMBER 200-0633-00-287-106353. FLUOR
NUMBER 5775-CPP-633-A-3.

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ID-33-C-33	ROOF PLAN AND DETAILS. INEEL DRAWING NUMBER 200-0633-00-287-106357. FLUOR NUMBER 5775-CPP-633-A-7.
ID-33-C-34	DOOR AND WINDOW DETAILS. INEEL DRAWING NUMBER 200-0633-00-287-106358. FLUOR NUMBER 5775-CPP-633-A-8.
ID-33-C-35	MISCELLANEOUS ARCHITECTURAL AND STRUCTURAL DETAILS. INEEL DRAWING NUMBER 200-0633-00-287-106359. FLUOR NUMBER 5775-CPP-633-A-9.
ID-33-C-36	ARCHITECTURAL AND STRUCTURAL DETAILS OF ELEVATOR HOUSING, NaK HEATER STACK ROOF FLASHING, HOOD ELEVATION DETAIL. INCLUDES PARTIAL "BILL OF MATERIAL." INEEL DRAWING NUMBER 200-0633-00-287-106361. FLUOR NUMBER 5775-CPP-633-A-11.
ID-33-C-37	PLAN OF ACCESS CORRIDOR PIPING INCLUDES WASTE HOLD TANK CELL, OFFGAS CELL, ADSORBER CELL, AND OFFGAS FILTER CELL. INEEL DRAWING NUMBER 200-0633-00-287-106453. FLUOR NUMBER 5775-CPP-P-58.
ID-33-C-38	SECTIONS OF ACCESS CORRIDOR, INCLUDES SECTION SHOWING ARRANGEMENT OF NAVY GUN BARRELS. INEEL DRAWING NUMBER 200-0633-00-287-106454. FLUOR NUMBER 5775-CPP-633-P-59.
ID-33-C-39	CALCINER CELL PLANS. TOGETHER WITH HAER ID-33-C-37 ILLUSTRATES COMPLEXITY OF PIPING. INEEL DRAWING NUMBER 200-0633-00-287-106445. FLUOR NUMBER 5775-CPP-633-P-50
ID-33-C-40	CALCINER CELL SECTIONS. TOGETHER WITH HAER ID-33-C-37 ILLUSTRATES COMPLEXITY OF PIPING. INEEL DRAWING NUMBER 200-0633-00-287-106446. FLUOR NUMBER 5775-CPP-P-51.
ID-33-C-41	OPERATING CORRIDOR PLAN AND SECTIONS, INCLUDING SOME ISOMETRIC DETAILS. INEEL DRAWING NUMBER 200-0633-00-287-106455. FLUOR NUMBER 5775-CPP-633-P-60

Notes:

1. The historical prints selected for this report are part of a large collection located at the Idaho National Engineering and Environmental Laboratory's Photograph Library in Idaho Falls, Idaho. The library indexes negatives according to name of facility, year of photograph, and sequence number. Most photographs are dated. Additional images of the Waste Calcining Facility are in the collection.

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2. The architectural drawings reproduced for this report are part of a large collection of architectural and engineering drawings located at Idaho National Engineering and Environmental Laboratory.

3. The INEL photographic and engineering archives date from the earliest operations at the National Reactor Testing Station. They document construction progress, events, equipment, and procedures. Photographers also made periodic aerial surveys of the site. Most of these resources are available for examination and reproduction.

3. For written historical and descriptive information on the Waste Calcining Facility, please see main entry for Idaho National Engineering and Environmental Laboratory, Waste Calcining Facility, HAER No. ID-33-C.